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PHOTOGRAPHIC INTERPRETATION MEMORANDUM

FORTY-FOUR NEW TYPE IIID (SS-II) ICBM LAUNCH SITES USSR

TCS-20101/69
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FORTY-FOUR NEW TYPE IIID (SS-11) ICBM LAUNCH SITES, USSR

25X1D

Analysis of five ICBM complexes (Kostroma, Kozelsk, Perm, Teykovo, and Yedrovo) on photography of KEYHOLE [redacted] has resulted in the initial identification, as of [redacted] of six launch groups and 44 Type IIID (SS-11) launch sites. In addition, three possible launch sites and a Type IIID training site were identified, a possible launch site was confirmed, and a launch site and a possible launch site were dropped. 25X1D

Because much of this analysis occurred after first-phase (OAK) reporting (TCS-20087/69), no up-to-date tabulation exists of these changes to the ICBM totals. Therefore this Photographic Interpretation Memorandum presents a revised chart of deployed ICBM complexes (Table 1) and a tabular listing of new and dropped sites (Table 2).

NPIC Project 111050NB

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USS-20101/69

Table 1.

Deployed ICBM Complexes and Tyuratam MTC, as of [redacted]

25X1D

COMPLEX	SS-7 TYPE IIA, B & D & IIIA SITES	SS-7 TYPE IIA, B & D & IIIA LAUNCHERS	SS-8 TYPE IIC & IIIB LAUNCHERS	SS-9 TYPE LAUNCHERS	SS-11 TYPE IIID LAUNCHERS	SS-13 TYPE IIIE LAUNCHERS	OTHER UNDET TYPE LAUNCHERS	*TOTAL LAUNCHERS	LAUNCH GROUPS IDENTIFIED	LAUNCH GROUPS COMPLETE	LAUNCHERS NEW THIS MISSION INCLUDED IN TOTAL	LAUNCHERS DROPPED THIS MISSION INCLUDED IN TOTAL
ALEYSK				24				24	4			
BOMBAROVSKIY				48				48	8			
DROVYANAYA	6	15			50			65	5			
GLADKAYA	3	7			60			67	6			
IMENI GASTELLO				39				39	7	4		
ITATKA	3	6						6				
KARTALY				35				35	6	4		
KOSTROMA	7	15			66 (#2)			81 (#2)	8		1	
KOZELSK			3	12	94			109	10		11	1(#1)
NOVOSIBIRSK	3	12						12				
OLOVYANNAYA	3	9			90			99	9			
OMSK			1	3				3				
PERM	6	13			69 (#2)			76 (#2)	5		5 (#2)	
PLESETSK MSC	3	7	2	4				** 11				
SHADRINSK	3	9						9				
SVOBODNYY	8	17			60			77	6			
TATISHCHEVO					120			120	12	12		
TEYKOVO	6	12			50			62	6	2	9	
TYUMEN			2	4				4				
UZHUR				48				48	8			
VERKHNYAYA SALDA	9	20						20				
YEDROVO	8	18			88 (#1)			106 (#1)	9		18 (#1)	
YOSHKAR-OLA	6	12				33		45	4	0		
YURYA	11	25						25				
ZHANGIZ-TOBE				36				36	6	4		
TOTALS	87	197	10	23	230	744 (#5)	33	1227 (#5)	121	56	44 (#3)	1 (#1)

ILLEGIB

[redacted]

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Table 2. New, Confirmed, and Dropped ICBM Sites, [redacted]

25X1D
25X1D

Complex	Group	Type	[redacted]	Constr Status	Geographic Coo Lat	Long
Kostroma						
LS 75	N	IIID		Undet	58-14N	041-35E
LS 87	P	IIID		Undet	57-31N	041-32E
Kozelsk						
LS 108	N	IIID		Undet	53-58N	035-59E
109	O	IIID		Mid	54-24N	035-57E
110	O	IIID		Mid	54-23N	035-49E
111	N	IIID		Mid	53-56N	035-07E
112	P	IIID		Mid	54-30N	035-46E
113	P	IIID		Mid	54-30N	035-53E
114	P	IIID		Mid	54-32N	035-57E
115	P	IIID		Mid	54-35N	035-51E
116	P	IIID		Mid	54-31N	035-40E
Prob 117	P	IIID		Undet	54-33N	035-34E
Prob 118	P	IIID		Undet	54-34N	035-39E
Dropped						
Poss 107					54-15N	035-52E
100					54-26N	035-57E
Perm						
Prob 82	L	IIID		Undet	57-33N	056-12E
Prob 83	L	IIID		Undet	57-32N	056-18E
Poss 84	M	IIID		Undet	57-23N	056-45E
Prob 85	M	IIID		Undet	57-22N	056-38E
Prob 86	M	IIID		Undet	57-20N	056-35E
Prob 87	M	IIID		Undet	57-18N	056-30E
Poss 89	M	IIID		Undet	57-20N	056-48E
Teykovo						
53	C	IIID		Late	56-58N	040-27E
54	C	IIID		Late	56-58N	040-19E
55	D	IIID		Mid	56-30N	039-49E
56	D	IIID		Mid	56-26N	039-40E
57	D	IIID		Mid	56-23N	039-39E
58	E	IIID		Early	56-20N	040-09E
Prob 59	E	IIID		Early	56-25N	040-13E
60	F	IIID		Undet	56-40N	039-42E
Training Site 61	X	IIID		Mid	56-53N	040-34E
62	E	IIID		Early	56-18N	040-14E
Yedrovo						
Prob 92	P	IIID		Undet	57-35N	035-02E
Prob 93	P	IIID		Undet	57-38N	033-10E
Prob 94	P	IIID		Undet	57-33N	033-08E
Prob 95	P	IIID		Undet	57-33N	033-10E
Prob 96	P	IIID		Undet	57-30N	033-08E
Prob 97	P	IIID		Undet	57-28N	033-10E
Prob 98	P	IIID		Undet	57-30N	033-19E
Prob 99	P	IIID		Undet	57-35N	033-16E
Prob 100	P	IIID		Undet	57-34N	033-24E
Prob 101	Q	IIID		Undet	57-33N	033-30E
Prob 102	Q	IIID		Undet	57-37N	033-28E
Prob 103	Q	IIID		Undet	57-37N	033-37E
Prob 104	Q	IIID		Undet	57-35N	033-34E
Prob 105	Q	IIID		Undet	57-35N	033-37E
Prob 106	Q	IIID		Undet	57-28N	033-30E
107	P	IIID		Early	57-38N	033-05E
108	Q	IIID		Early	57-30N	033-37E
Prob 109	Q	IIID		Undet	57-36N	033-47E
Poss 110	Q	IIID		Undet	57-37N	033-38E

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